



KingSpec®

STORING POSSIBILITIES PROTECTING PASSIONS

XG7000-XXX Specifications



SHENZHEN KINGSPEC ELECTRONICS TECHNOLOGY CO., LTD.

Office: 2001, Block C, Minzhi Joint Stock Commercial Center, North Station Community, Minzhi Street, Longhua District, Shenzhen, China, 518000

Factory: Factory 901, Building 1, Precision Intelligent Manufacturing Building, 8 Jianyou Road, Dafu Community, Guanlan Street, Longhua District, Shenzhen, China, 518000

Tel: 400-7799-771

Website: www.kingspec.com

XG7000-XXX Specifications

Item	Model Name	XG7000-XXX				
Overview	Dimensions	L80.0mm * W22.0mm * H2.1mm ±0.1mm				
	Interface	M.2, PCI-e Gen4 x4 NVME Rev.1.4				
	Support OS	Windows 10, Windows 11, Windows Server 2012 R2, RHEL, CentOS, Ubuntu, Linux				
Performance	Capacity	512GB	1TB	2TB	4TB	8TB
	NAND Flash	3D NAND	3D NAND	3D NAND	3D NAND	3D NAND
	Seq. Read(MB/s)	7200	7400	7400	7400	7400
	Seq. Write(MB/s)	4400	6600	6600	6500	6600
	TBW	300TB	600TB	1200TB	2400TB	4000TB
	Random 4k Read IOPS	720K(8TB)				
	Random 4k Write IOPS	800K(8TB)				
	Random Acc. time	0.075ms(8TB)				
Electrical	Input Voltage	DC 3.3V±5%				
	Idle Mode(W)	0.66W(8TB)				
	Max (W)	8.18W(8TB)				
Reliability	Read endurance	Infinite				
	Data Retention	10year @ 25℃				
	MTBF	1million hours				
	ECC	4K LDPC				
	Function	Automated Bad Block Management				
Environment	Option Temperature	0~+70℃				
	Storage Temperature	-20~+75℃				
	Humidity	5-95%				
Warranty	Limited 3-year warranty with free technical support					
Certification	CE, ROHS, FCC, REACH					
Status	MP	NO EOL				